

Figure 2A. DNA and deduced amino acid sequences of hG-CSF-L-vFc_{v2}

DNA		SEQ ID NO: 17	
Amino Acid Sequence		SEQ ID NO: 18	
aag ctt ccc aga ccc atg gct gga cct gcc acc cag agc ccc atg aag ctg atg gcc ctg			60
<i>HindIII</i>	M A G P A T Q S P M K L M A L		
	-30	-20	
cag ctg ctg tgg cac agt gca ctc tgg aca gtg cag gaa gcc acc ccc ctg ggc cct			120
Q L L L W H S A L L W T V Q E A T P L G P			
	-10	-1	
gcc agc tcc ctg ccc cag agc ttc ctg ctc aag tgc tta gag caa gtg agg aag atc cag			180
A S S L P Q S F L L K C L E Q V R K I Q			
	10	20	
ggc gat ggc gca gcg ctc cag gag aag ctg tgt gcc acc tac aag ctg tgc cac ccc gag			240
G D G A A L Q E K L C A T Y K L C H P E			
	30	40	
gag ctg gtg ctg ctc gga cac tct ctg ggc atc ccc tgg gct ccc ctg agc agc tgc ccc			300
E L V L L G H S L G I P W A P L S S C P			
	50	60	
agc cag gcc ctg cag ctg gca ggc tgc ttg agc caa ctc ctc cat agc ggc ctt ttc ctc tac			360
S Q A L Q L A G G C L S Q L H S G L F L Y			
	70	80	
cag ggg ctc ctg cag gcc gaa ggc atc tcc ccc gag ttg ggt ccc acc ttg gac aca			420
Q G L L Q A L E G I S P E L L G P T L D T			
	90	100	
ctg cag ctg gac gtc gcc gac ttt gcc acc acc atc tgg cag cag atg gaa gaa ctg gga			480
L Q L D V A A D F A T T I W Q Q M E L G			
	110	120	
atg gcc cct gcc ctg cag ccc acc cag ggt gcc atg ccg gcc ttc gcc tct gct ttc cag			540
M A P A L Q P T Q G A M P A F A S A F Q			
	130	140	
cgc cgg gca gga ggg gtc cta gtt gcc tcc cat ctg cag agc ttc ctg gag gtg tcg tac			600
R R A G G V L V A S H L Q S F L E V S Y			
	150	160	
cgc gtt cta cgc cac ctt gcc cag ccc gga tcc ggt gcc ggt tcc ggt gga ggc gga agc			660
R V L R H L A Q P G S G G G S G G G G S			
	170	180	

ggc ggt gga gga tca gag cgc aaa tgt tgt gtc gag tgc cca ccg tgc cca gca cca cct 720
 G G G S E R K C C V E C P P C P A P P
 190
 gtg gca gga ccg tca gtc ttc ctc ttc ccc cca aaa gag tgc acc gac acc ctc atg atc tcc 780
 V A G P S V F L F P P P P K D T L M I S
 210
 cgg acc cct gag gtc acg tgc gtg gtg gac gtg agc cac gaa gac ccc gag gtc cag 840
 R T P E V T C V V D V S H E D P E V Q
 230
 ttc aac tgg tac gtg gac ggc gtg gag gtg cat aat gcc aag aca aag cca cgg gag gag 900
 F N W Y V V D G V E V H N A K T T K P R E E
 250
 cag ttc aac agc acg ttc cgt gtg gtc agc gtc ctc acc gtt gtg cac gag tgg ctg 960
 Q F N S T F R V V S V L T V V H Q D W L
 270
 aac ggc aag gag tac aag tgc aag gtc tcc aac aaa ggc ctc cca gcc tcc atc gag aaa 1020
 N G K E Y K C K V S N K K G L P A S I E K
 290
 acc atc tcc aaa acc aaa ggc cag ccc cga gaa cca cag gtg tac acc ctg ccc cca tcc 1080
 T I S K T K G Q P R E P Q V Y T L P P S
 310
 cgg gag gag atg acc aag aac cag gtc agc ctg acc tgc ctg gtc aaa ggc ttc tac ccc 1140
 R E M T K N Q V S L T C L V K G F Y P
 330
 agc gac atc gcc gtg gag tgg gag agc aat ggg cag ccg gag aac aac tac aag acc aca 1200
 S D I A V E W E S N G Q P E N N Y K T T
 350
 cct ccc atg ctg gac tcc gac ggc tcc ttc ttc ctc tac agc aag ctg acc gtg gac aag 1260
 P P M L D S D G S F F L Y S K L T V D K
 370
 agc agg tgg cag cag ggc aac gtc ttc tca tgc tcc gtg atg cat gag gct ctg cac aac 1320
 S R W Q Q G N V F S C S V M H E A L H N
 390
 cac tac acg cag aag agc ctc tcc ctg tct ccg ggt aaa tga gaa ttc 1368
 H Y T Q K S L S L S P G K *EcoRI*
 410

Figure 2B. DNA and deduced amino acid sequences of hG-CSF-L-vFC_{γ4}

DNA		SEQ ID NO: 19	
Amino Acid Sequence		SEQ ID NO: 20	
aag ctt ccc aga ccc atg gct gga cct gcc acc cag agc ccc atg aag ctg atg gcc ctg			60
<i>Hind</i> III	M A G P A T Q S P M K L M A L		
	-30	-20	
cag ctg ctg tgg cac agt gca ctc tgg aca gtg cag gaa gcc acc ccc ctg ggc cct			120
Q L L L W H S A L L W T V Q E A T P L G P		-1	
	-10	1	
gcc agc tcc ctg ccc cag agc ttc ctg ctc aag tgc tta gag caa gtg agg aag atc cag			180
A S L P Q S F L L K C L E Q V R K I Q		20	
	10		
ggc gat ggc gca gcg ctc gga cag gag aag ctg tgt gcc acc tac aag ctg tgc cac ccc gag			240
G D G A A L Q E K L C A T Y K L C H P E		40	
	30		
gag ctg gtg ctg ctc gga cac tct ctg ggc atc ccc tgg gct ccc ctg agc agc tgc ccc			300
E L V L L G H S L G I P W A P L S C P		60	
	50		
agc cag gcc ctg cag ctg gca ggc tgc ttg agc caa ctc cat agc ggc ctt ttc ctc tac			360
S Q A L Q L A G C L S Q L H S G L F L Y		80	
	70		
cag ggg ctc ctg cag gcc ctg gaa ggg atc tcc ccc gag ttg ggt ccc acc ttg gac aca			420
Q G L L Q A L E G I S P E L G P T L D T		100	
	90		
ctg cag ctg gac gtc gcc gac ttt gcc acc acc atc tgg cag ctg gaa gaa ctg gga			480
L Q L D V A D F A T T I W Q Q M E L G		120	
	110		
atg gcc cct gcc ctg cag ccc acc cag ggt gcc atg ccg gcc ttc gcc tct gct ttc cag			540
M A P A L Q P T Q G A M P A F A S A F Q		140	
	130		
cgc cgg gca gga ggg gtc cta gtt gcc tcc cat ctg cag agc ttc ctg gag gtg tcg tac			600
R R A G G V L V A S H L Q S F L E V S Y		160	
	150		
cgc gtt cta cgc cac ctt gcc cag ccc gga tcc ggt ggc ggt tcc ggt gga ggc gga agc			660
R V L R H L A Q P G S G G G G G G S		180	
	170		

ggc ggt gga gga tca gag tcc aaa tat ggt ccc cca tgc cca cca tgc cca gca cct gag 720
 G G G S E S K Y G P P C P P C P A P E
 190
 ttc gcg gga cca tca gtc ttc ctg ttc ccc cca aaa ccc aag gac act ctc atg atc 780
 F A G P S V F L F P P P K P K D T L M I
 210
 tcc cgg acc cct gag gtc acg tgc gtg gtg gtg gac gtg agc cag gaa gac ccc gag gtc 840
 S R T P E V T C V V V D V S Q E D P E V
 230
 cag ttc aac tgg tac gtg gat ggc gtg gag gtg cat aat gcc aag aca aag ccg cgg gag 900
 Q F N W Y Y D G V E V H N A K T K P R E
 250
 gag cag ttc aac agc acg tac cgt gtg gtg agc gtc ctc acc gtc ctg ctc cag gac tgg 960
 E Q F N S S T Y R V V S V L T V L H Q D W
 270
 ctg aac ggc aag gag tac aag tgc aag gtc tcc aac aaa ggc ctc ccg tcc tcc atc gag 1020
 L N G K E Y K C C K V S N K G L P S S I E
 290
 aaa acc atc tcc aaa gcc aaa ggc aag ccc cga gag cca cag gtg tac acc ctg ccc cca 1080
 K T I S K A K G Q P R E P Q V Y T L P P
 310
 tcc cag gag atg acc aag aac cag gtc agc ctg acc tgc ctg gtc aaa ggc ttc tac 1140
 S Q E M T K N Q V S L T C L V K G F Y
 330
 ccc agc gac atc gcc gtg gag tgg gag agc aat ggg cag ccg gag aac aac tac aag acc 1200
 P S D I A V E W E S N G Q P E N N Y K T
 350
 acg cct ccc gtg ctg gac tcc ggc gac tcc ttc ttc ttc ctg agc agc cta acc gtg gac 1260
 T P P V L D S S D G G S F F L Y S R L T V D
 370
 aag agc agg tgg cag gag ggg aat gtc ttc tca tgc tcc gtg atg cat gag gct ctg cac 1320
 K S R W Q E G N V F S C S V M H E A L H
 390
 aac cac tac aca cag aag agc ctc tcc ctg tct ctg ggt aaa tga gaa ttc 1371
 N H Y T Q K S L S L S L G K *EcoRI*
 410

Figure 2C. DNA and deduced amino acid sequences of hG-CSF-L-vFc_{γ1}

DNA	SEQ ID NO: 21	
Amino Acid Sequence	SEQ ID NO: 22	
aag ctt ccc aga ccc atg gct gga cct gcc acc cag agc ccc atg aag ctg atg gcc ctg		60
<i>Hind</i> III	M A G P A T Q S P M K L M A L	
	-30	-20
cag ctg ctg tgg cac agt gca ctc tgg aca gtg cag gaa gcc acc ccc ctg ggc cct		120
Q L L L W H S A L W T V Q E A T P L G P	-1	1
gcc agc tcc ctg ccc cag agc ttc ctg ctc aag tgc tta gag caa gtg agg aag atc cag		180
A S L P Q S F L L K C L E Q V R K I Q	20	
ggc gat ggc gca gcg ctc gga cag gag aag ctg tgt gcc acc tac aag ctg tgc cac ccc gag		240
G D G A A L G H S L G I P W A P L S C P E	40	
gag ctg gtg ctg ctc gga cac tct ctg ggc atc ccc tgg gct ccc ctg agc agc tgc ccc		300
E L V L L G G S L G I P W A P L S C P	60	
agc cag gcc ctg cag ctg gca ggc tgc ttg agc caa ctc agc ggc ctt ttc ctc tac		360
S Q A L Q L A G G C L S Q L H S G L F L Y	80	
cag ggg ctc ctg cag gcc ctg gaa ggg atc tcc ccc gag ttg ggt ccc acc ttg gac aca		420
Q G L L Q A L E G I S P E L G P T L D T	100	
ctg cag ctg gac gtc gcc gac ttt gcc acc acc atc tgg cag cag atg gaa gaa ctg gga		480
L Q L D V A D F A T T I W Q Q M E L G	120	
atg gcc cct gcc ctg cag ccc acc cag ggt gcc atg ccg gcc ttc gcc tct gct ttc cag		540
M A P A L Q P T Q G A M P A F A S A F Q	140	
cgc cgg gca gga ggg gtc cta gtt gcc tcc cat ctg cag agc ttc ctg gag gtg tcg tac		600
R R A G G V L V A S H L Q S F L E V S Y	160	
cgc gtt cta cgc cac ctt gcc cag ccc gga tcc ggt ggc ggt tcc ggt gga ggc gga agc		660
R V L R H L A Q P G S G G G S G G G S	180	

ggc ggt gga gga tca gac aaa act cac aca tgc cca ccg tgc cca 200
 190 ggc gga ccg tca gtc ttc ctc cca aaa ccg aag gac acc cca cct gaa gtc gcg gcg A
 720
 ggc gga ccg tca gtc ttc ctc cca aaa ccg aag gac acc ctc atg atc tcc cgg
 780
 aca cct gag gtc aca tgc gtg gtg gac gtg agc cac gaa gac cct gag gtc aag ttc
 840
 aac tgg tac gtg gac ggc gtg gag gtg cat aat gcc aag aca aag ccg gag gag cag
 900
 tac aac agc acg tac cgg gtg gtc agc gtc ctc acc gtc gtc ctg cac cag gac tgg ctg aat
 960
 ggc aag gag tac aag tgc aag gtc tcc aac aaa gcc ctc cca ggc tcc atc gag aaa acc
 1020
 atc tcc aaa gcc aaa ggc gag ccc cga gaa cca cag gtg tac acc ctg ccc cca tcc cgg
 1080
 gat gag ctg acc aag aac cag gtc agc ctg acc tgc ctg gtc aaa ggc ttc tat ccc agc
 1140
 gac atc gcc gtg gag tgg gag agc aat ggc gag ccc gag aac tac aag acc acg cct
 1200
 ccc gtg ctg gac tcc gac ggc tcc ttc ctc ttc ctc tac agc aag ctg acc ctc aag agc
 1260
 agg tgg cag cag ggc aac gtc ttc tca tgc tcc gtc atg cat gag gct ctg cac aac cac
 1320
 tac acg cag aag agc ctc tcc ctg tct ccg ggt aaa tga gaa ttc
 1365
 410
 417
 EcoRI